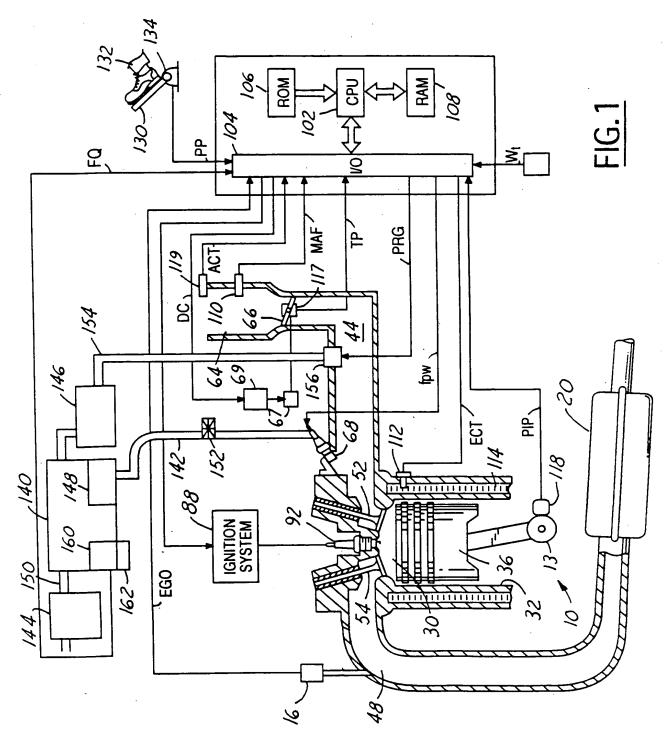


1/12
USEN 10/065,362 - Filed 10-09-2002
"Example Control With Fuel Quality Sensor"

Research State 

Control With Fuel Quality Sensor"





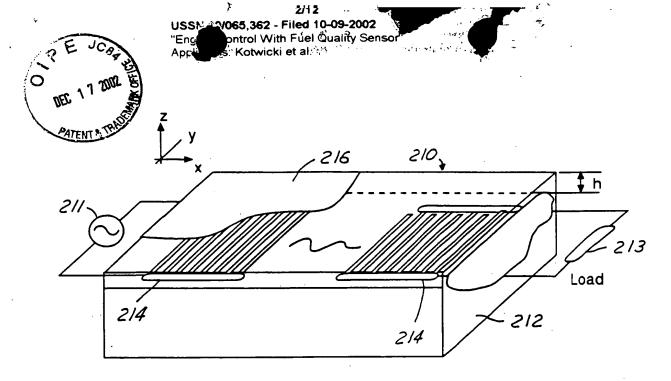
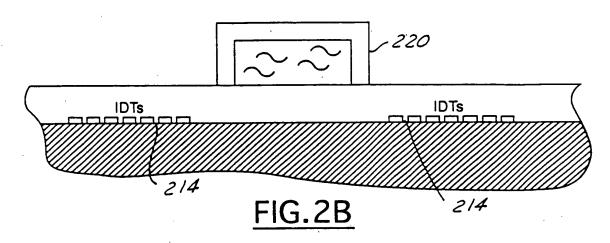
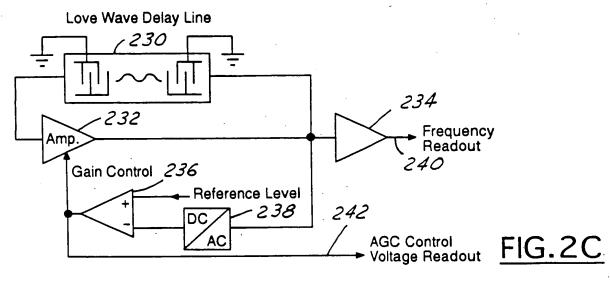


FIG.2A





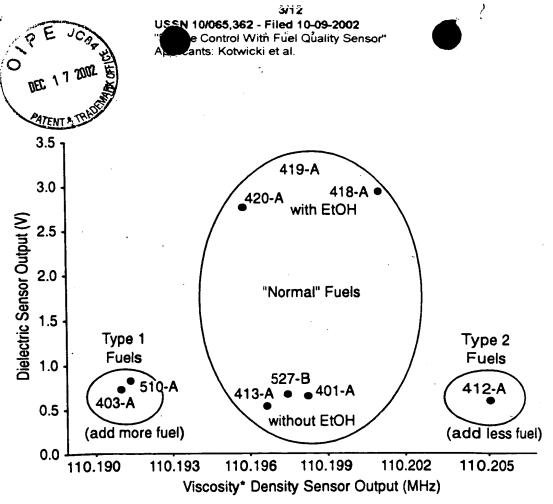


FIG.3

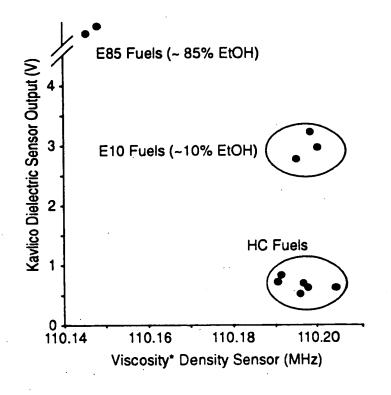


FIG.4

USSN 10/065,362 - Filed 10-09-2002
"Engine Control With Fu I Quality S nsor"
Applicants: Kotwicki et al.

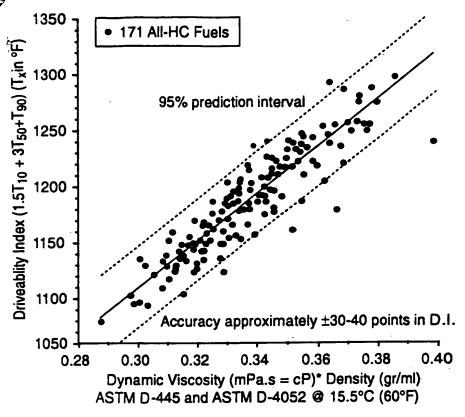
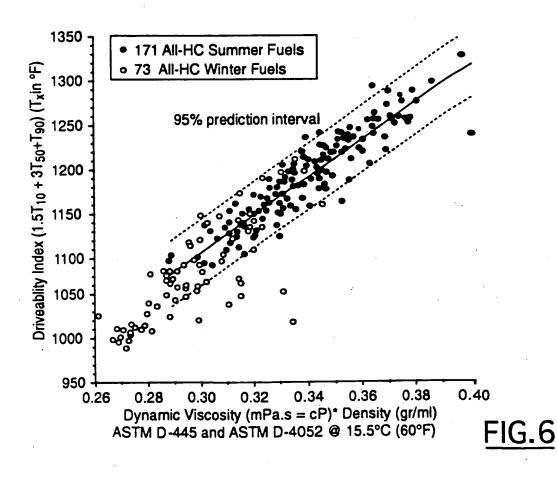


FIG.5



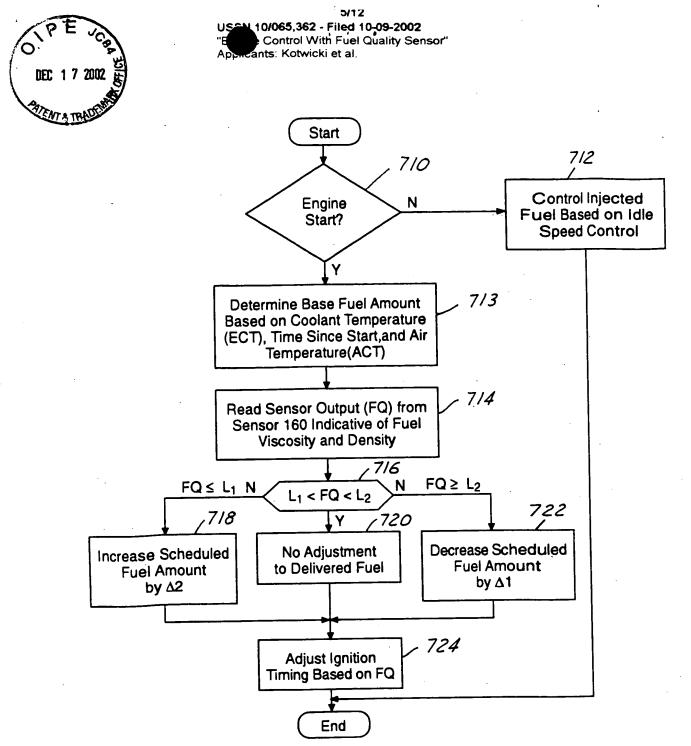
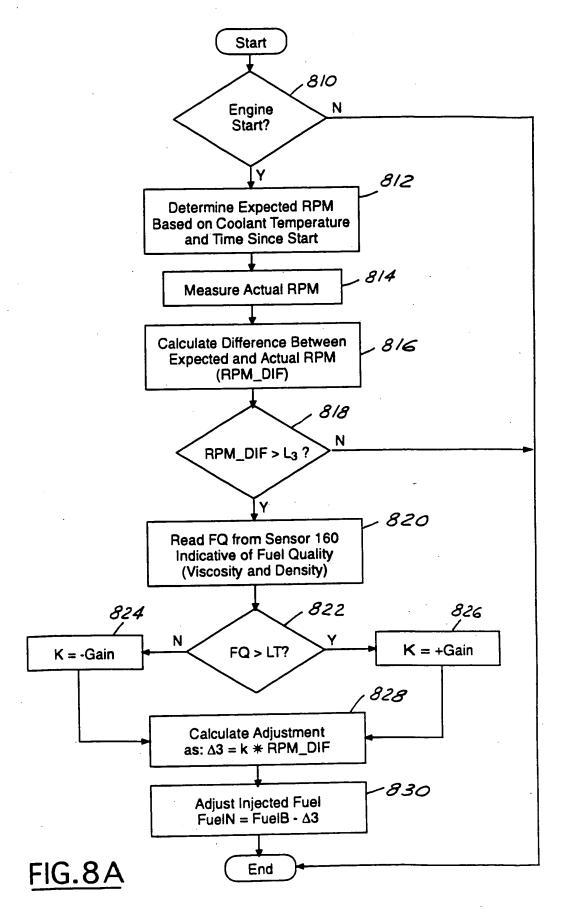
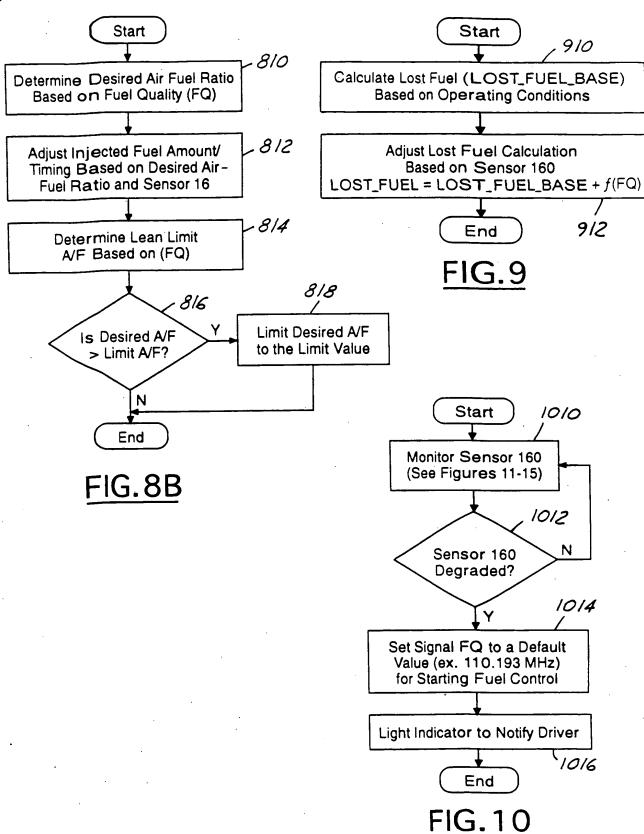


FIG.7









8/42
USSN 10/065,362 - Filed 10-09-2002
"Filed Control With Fuel Guality Sensor"
A. Lants: Kotwicki t al.

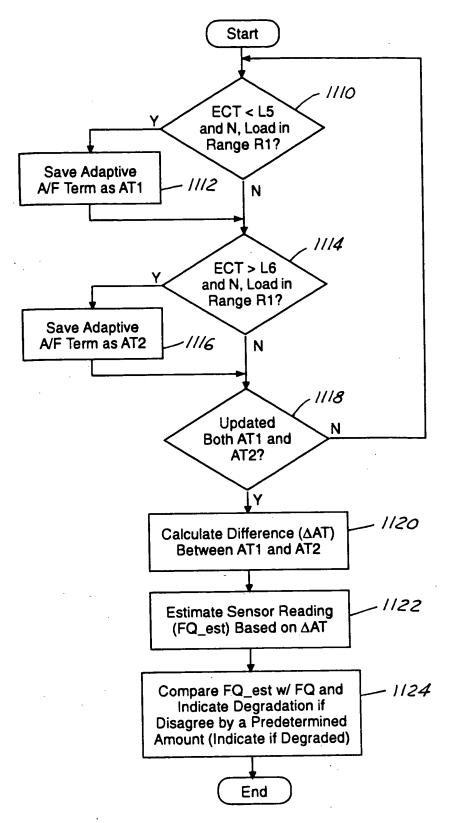


FIG. 11



5/12 USSN 10/065,362 - Filed 10-09-2002 ne Control With Fuel Quality Sensor' Applicants: Kotwicki et al.

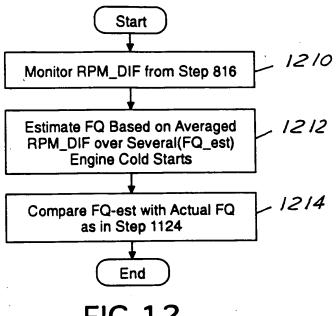
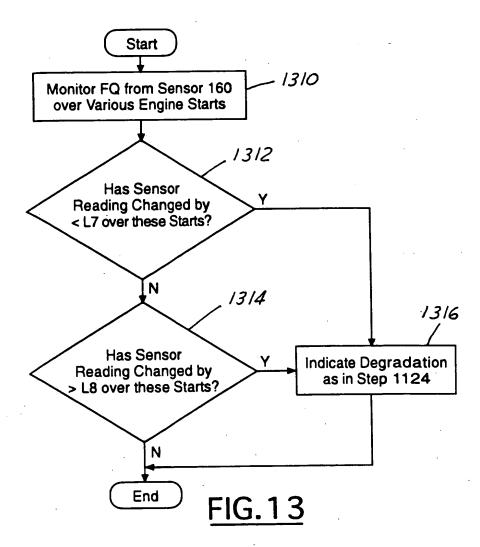
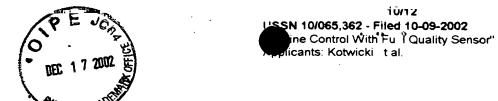
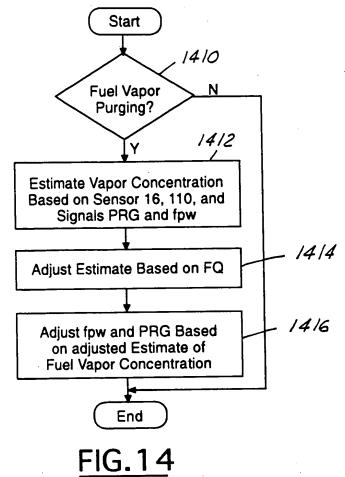


FIG. 12



The last of the same





Liquid Fuel [Gasoline]

Viscously-Entrained
Liquid

AT-Quartz

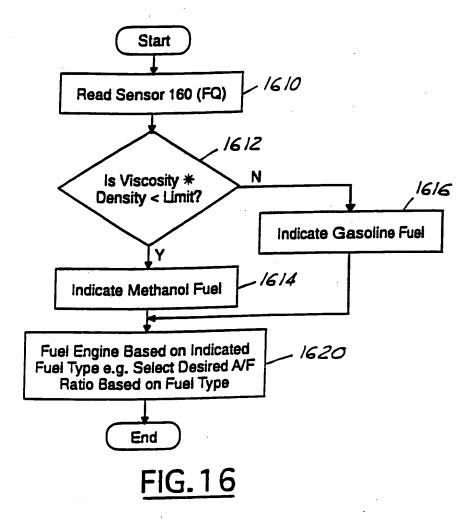
Displacement
Ux (y)

FIG. 15



USSN 10/065,362 - Filed 10-09-2002

"Example Control With Füel Quality Sensor"
A. Lants: Kotwicki et al.



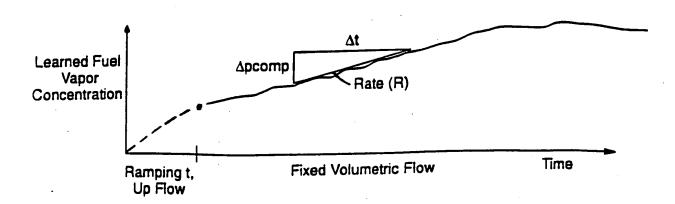


FIG. 17A



12/12
USSN 10/065,362 - Filed 10-09-2002
"Eng Control With Fuel Quality Sensor"
Applicants: Kotwicki et al.

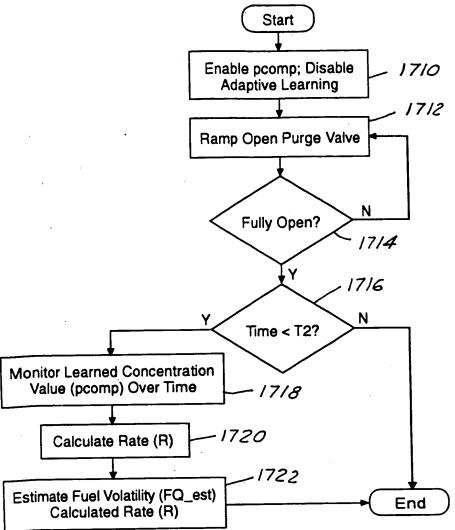


FIG. 17B